

Chaitanya Bharathi Institute of Technology (A)  
Department of Chemical Engineering  
AY 2023-24 Jan 2024 - April 2024 ( Even Semester )

List of NPTEL Courses for Honors Degree\*

TIMELINE	4 Weeks (SET 1)	8 Weeks (SET 1)	12 Weeks	4 Weeks (SET 2)	8 Weeks (SET 2)			
Start of Course	January 22, 2024	January 22, 2024	January 22, 2024	February 19, 2024	February 19, 2024			
End of Course	February 16, 2024	March 15, 2024	April 12, 2024	March 15, 2024	April 12, 2024			
Exam Dates	Mar 23/24, 2024		April 20/21/27/28, 2024					
Possible additional exam dates	Mar 22, 2024 2 Sessions on each date (9am-12 noon; 2pm-5pm)		April 18/19/22, 2024 2 Sessions on each date (9am-12 noon; 2pm-5pm)					
Open enrollment to the Course	Nov 15, 2023							
Close enrollment to the Course	Jan 29, 2024 - 5pm			February 19, 2024 - 5pm				
Open exam registration form	Dec 14, 2023							
Close exam registration form	Feb 12, 2024 / Feb 16, 2024 5pm			March 11, 2024 / March 15, 2024 - 5pm				
S.No	Course ID	Course Name	Duration	End date	Exam date	Click here to Join the course	Old course URL	NPTEL URL
1	CBIT/23CHH34	Bioreactor Design and Analysis	8 Wk	Mar 15, 2024	Mar 23, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_bt22/preview">https://onlinecourses.nptel.ac.in/noc23_bt22/preview</a>	<a href="https://nptel.ac.in/courses/102106086">https://nptel.ac.in/courses/102106086</a>
2	CBIT/23CHH35	Plastic Waste Management	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc22_ce72/preview">https://onlinecourses.nptel.ac.in/noc22_ce72/preview</a>	<a href="https://nptel.ac.in/courses/105105184">https://nptel.ac.in/courses/105105184</a>
3	CBIT/23CHH36	Water and waste water treatment	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ce12/preview">https://onlinecourses.nptel.ac.in/noc23_ce12/preview</a>	<a href="https://nptel.ac.in/courses/105107207">https://nptel.ac.in/courses/105107207</a>
4	CBIT/23CHH37	Industrial Wastewater Treatment	12 Wk	Apr 12, 2024	Apr 21, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>		<a href="https://nptel.ac.in/courses/105105350">https://nptel.ac.in/courses/105105350</a>
5	CBIT/23CHH38	Electrochemical Technology in Pollution Control	8 Wk	Mar 15, 2024	Mar 23, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch13/preview">https://onlinecourses.nptel.ac.in/noc23_ch13/preview</a>	<a href="https://nptel.ac.in/courses/103108162">https://nptel.ac.in/courses/103108162</a>
6	CBIT/23CHH39	Advanced Thermodynamics and Molecular Simulations	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch25/preview">https://onlinecourses.nptel.ac.in/noc23_ch25/preview</a>	<a href="https://nptel.ac.in/courses/103107208">https://nptel.ac.in/courses/103107208</a>
7	CBIT/23CHH40	Applied Time-Series Analysis	12 Wk	Apr 12, 2024	Apr 27, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch09/preview">https://onlinecourses.nptel.ac.in/noc23_ch09/preview</a>	<a href="https://nptel.ac.in/courses/103106123">https://nptel.ac.in/courses/103106123</a>

8	CBIT/23CHH41	Aspen Plus® Simulation Software - A Basic Course For Beginners	12 Wk	Apr 12, 2024	Apr 27, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch34/preview">https://onlinecourses.nptel.ac.in/noc23_ch34/preview</a>	<a href="https://nptel.ac.in/courses/103103209">https://nptel.ac.in/courses/103103209</a>
9	CBIT/23CHH42	Biological process design for wastewater treatment	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch17/preview">https://onlinecourses.nptel.ac.in/noc23_ch17/preview</a>	<a href="https://nptel.ac.in/courses/103107217">https://nptel.ac.in/courses/103107217</a>
10	CBIT/23CHH43	Biomass Conversion And Biorefinery	12 Wk	Apr 12, 2024	Apr 27, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch33/preview">https://onlinecourses.nptel.ac.in/noc23_ch33/preview</a>	<a href="https://nptel.ac.in/courses/103103207">https://nptel.ac.in/courses/103103207</a>
11	CBIT/23CHH44	Chemical Process Utilities	12 Wk	Apr 12, 2024	Apr 27, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch28/preview">https://onlinecourses.nptel.ac.in/noc23_ch28/preview</a>	<a href="https://nptel.ac.in/courses/103107211">https://nptel.ac.in/courses/103107211</a>
12	CBIT/23CHH45	Computational Fluid Dynamics	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch10/preview">https://onlinecourses.nptel.ac.in/noc23_ch10/preview</a>	<a href="https://nptel.ac.in/courses/103106119">https://nptel.ac.in/courses/103106119</a>
13	CBIT/23CHH46	Computational process design	8 Wk	Apr 12, 2024	Apr 21, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>		<a href="https://nptel.ac.in/courses/103102352">https://nptel.ac.in/courses/103102352</a>
14	CBIT/23CHH47	Computer Aided Applied Single Objective Optimization	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch04/preview">https://onlinecourses.nptel.ac.in/noc23_ch04/preview</a>	<a href="https://nptel.ac.in/courses/103103164">https://nptel.ac.in/courses/103103164</a>
15	CBIT/23CHH48	Environmental Quality Monitoring & Analysis	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch15/preview">https://onlinecourses.nptel.ac.in/noc23_ch15/preview</a>	<a href="https://nptel.ac.in/courses/103106162">https://nptel.ac.in/courses/103106162</a>
16	CBIT/23CHH49	Membrane Technology	12 Wk	Apr 12, 2024	Apr 27, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch08/preview">https://onlinecourses.nptel.ac.in/noc23_ch08/preview</a>	<a href="https://nptel.ac.in/courses/103103163">https://nptel.ac.in/courses/103103163</a>
17	CBIT/23CHH50	Multiphase Flows	8 Wk	Mar 15, 2024	Mar 24, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch14/preview">https://onlinecourses.nptel.ac.in/noc23_ch14/preview</a>	<a href="https://nptel.ac.in/courses/103103136">https://nptel.ac.in/courses/103103136</a>
18	CBIT/23CHH51	Physico-chemical processes for wastewater treatment	12 Wk	Apr 12, 2024	Apr 20, 2024	<a href="https://onlinecourses.nptel.ac.in//preview">https://onlinecourses.nptel.ac.in//preview</a>	<a href="https://onlinecourses.nptel.ac.in/noc23_ch30/preview">https://onlinecourses.nptel.ac.in/noc23_ch30/preview</a>	<a href="https://nptel.ac.in/courses/103107212">https://nptel.ac.in/courses/103107212</a>

\* 1. Students opting for the above courses should not have enrolled / should not reenroll for those courses either in NPTEL or during the regular class work at CBIT. If any student found doing so, his/her NPTEL credits would be cancelled.

2. Also subjects related to non core topics eg., AI, ML, Python cannot be more than 25% of the total credits required to complete Honors Degree

3. Course completed for honors degree can not be claimed for any other activity points or Internships



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